

MAAP Active Modules

Active Modules for Audio Buffering, Video Line Driving, Twisted Pair Transmission, Control and Power Output

CTL208CM

Eight Button Control Module With Serial Output

DESCRIPTION

The Extron **CTL208CM** is an eight button control module that allows RS-232/422/485 serial commands to be sent with the touch of a button. It installs in CPM Series modular connector frames, architectural interfaces or other products that accept a quad space MAAP. Custom engraving is available to label the button functions for an extra charge.

The CTL208CM utilizes the included ICS100 Control Software for simplified setup. Each button can be easily programmed to one of four operating modes: single - default, toggle, press/release, or continuous. Single mode sends the primary command code when the button is pressed. Toggle mode allows for the primary command code to be sent on the first press and a second command code to be sent when the button is pressed again. Press/release mode sends a command code when the button is pressed and sends a secondary command code when it is released. Continuous mode repeatedly sends the primary command code as long as the button is pressed. Individual LEDs next to each button illuminate when a button is selected.

An external universal power supply is included, part # 70-055-01.

Button Groups

Available only for buttons that are assigned to the Toggle Mode, Button Groups allow buttons to be assigned to Group 1 or Group 2. Once assigned to a group, buttons operate in a mutually exclusive fashion - when one button is selected, others are deselected.

Timeout Feature

When the Timeout feature is engaged for a button, the unit will automatically send out the secondary command code string for that button after selected number of minutes. The timeout value can be set for 0 to 255 minutes. Since the timeout feature can be used to automatically turn off a device within a certain time, this feature is useful for projectors, plasma displays, monitors or other equipment that accept a serial command for power on/power off.



MODEL

VERSION DESCRIPTION

PART

CTL208CM	Black.....	60-576-10
CTL208CM	White.....	60-576-20

VCM 100 MAAP

Volume and Mute Controller - MAAP Module

DESCRIPTION

The Extron **VCM 100 MAAP** provides remote volume and mute control of the Extron MPA Series and HPA Series audio power amplifiers, and the MLP 101 and MLP 101 AAP mic preamps. It features a continuous gain control for fine adjustment of volume, and a dual color, illuminated pushbutton for muting the audio. The VCM 100 MAAP can be mounted into any Extron product or mounting frame with a double-space MAAP - Mini Architectural Adapter Plate opening.



MODEL

VERSION DESCRIPTION

PART

VCM 100 MAAP	Black.....	70-397-11
VCM 100 MAAP	White.....	70-397-21
VCM 100 MAAP	RAL9010 White.....	70-397-51

MAAP Active Modules (continued)

Active Modules for Audio Buffering, Video Line Driving, Twisted Pair Transmission, Control and Power Output

DAV101CM

VGA Line Driver - MAAP Module

DESCRIPTION

The Extron DAV101CM is a VGA line driver module designed to amplify the VGA signal from a laptop, desktop computer, or other VGA-QXGA sources. The DAV101CM buffers and equalizes the RGB and sync signals for long cable runs of up to 250 feet (75 meters) or more. The 15-Pin HD models include a 6" (15.2 cm) cable terminated with a 15-pin HD female connector. The BNC models include a 6" (15.2 cm) pigtail with five color-coded conductors terminated with female BNCs.

The DAV101CM is mounted in a double-space MAAP - Mini Architectural Adapter Plate that installs in CPM Series modular connector plates and other products that accept MAAPs. It is available in black, white, and RAL9010 white. An external universal power supply is included, part # 70-055-01.



MODEL

VERSION DESCRIPTION

PART

15-pin HD female output models

DAV101CM-1	15-Pin HD Output - Black	60-612-11
DAV101CM-2	15-Pin HD Output - White	60-612-21
DAV101CM-5	15-Pin HD Output - RAL9010 White	60-612-51

5-BNC output models

DAV101CM-3	5-BNC Output - Black	60-613-11
DAV101CM-4	5-BNC Output - White	60-613-21
DAV101CM-6	5-BNC Output - RAL9010 White	60-613-51

DAS101CM

Audio Buffer - MAAP Module

DESCRIPTION

The Extron DAS101CM is an audio buffer with inputs on either dual RCA connectors or one 3.5 mm stereo mini jack. It is designed to buffer and balance audio signals for long cable runs.

The DAS101CM is mounted in a compact, single-space MAAP - Mini Architectural Adapter Plate that installs in CPM Series Modular Connector Plates and other products that accept MAAPs. It is available in black, white, and RAL9010 white.

Note: The DAS101CM is designed to be powered by the host DAV101CM; a power supply is not included. For stand-alone operation, order Extron EPS 1201, part # 70-055-01.



MODEL

VERSION DESCRIPTION

PART

3.5 mm stereo mini jack input models

DAS101CM-1	3.5 mm Stereo Mini Input - Black	60-610-11
DAS101CM-2	3.5 mm Stereo Mini Input - White	60-610-21
DAS101CM-5	3.5 mm Stereo Mini Input - RAL9010 White	60-610-51

RCA female input models

DAS101CM-3	RCA Female Input - Black	60-611-11
DAS101CM-4	RCA Female Input - White	60-611-21
DAS101CM-6	RCA Female Input - RAL9010 White	60-611-51

MAAP Active Modules (continued)

Active Modules for Audio Buffering, Video Line Driving, Twisted Pair Transmission, Control and Power Output

VTT001 MAAP & VTR001 MAAP

VT - VGA Twisted Pair Transmitter and Receiver - MAAP Module

DESCRIPTION

The Extron **VTT001 MAAP** Twisted Pair Transmitter works together with the **VTR001 MAAP** Twisted Pair Receivers to create a cost-effective and high performance system for sending high resolution VGA / RGBHV signals 300 feet (90 meters) or more over any CAT 5, 5e, or 6 UTP cable or Extron Enhanced Skew-Free™ A/V UTP cable.



MODEL	VERSION DESCRIPTION	PART #
VTT001 MAAP Transmitter		
VTT001 MAAP	Transmitter MAAP Version - Black.....	70-284-11
VTT001 MAAP	Transmitter MAAP Version - White.....	70-284-21
VTT001 MAAP	Transmitter MAAP Version - RAL9010 White.....	70-284-51
VTR001 MAAP Receiver		
VTR001 MAAP	Receiver MAAP Version - Black.....	70-285-11
VTR001 MAAP	Receiver MAAP Version - White.....	70-285-21
VTR001 MAAP	Receiver MAAP Version - RAL9010 White.....	70-285-51

AC EXT MAAP

MAAP with AC outlet



DESCRIPTION

The Extron **AC EXT MAAP** is a double-space MAAP - Mini Architectural Adapter Plate for use with any Extron product with space for a double-space MAAP. It provides an unswitched, US style AC outlet for powering a laptop or other device. It is available in black or white.

MODEL	VERSION DESCRIPTION	PART #
AC EXT MAAP	Black.....	70-372-11
AC EXT MAAP	White.....	70-372-21

AC MAAP

MAAP AC Power Module



DESCRIPTION

The Extron **AC MAAP** AC power modules are double-space MAAP - Mini Architectural Adapter Plates designed for installation in any Extron Mini AAP mounting panel. Three styles of AC power connectors are available: US, IEC, and Europlug. Each version provides a female connector on one side and a male connector on the other.



AC MAAP US

AC MAAP IEC

AC MAAP Europlug

MODEL	VERSION DESCRIPTION	PART #
US Outlet		
AC MAAP US	US - Black.....	70-320-02
AC MAAP US	US - White.....	70-320-03
IEC Outlet		
AC MAAP IEC	IEC - Black.....	70-321-02
AC MAAP IEC	IEC - White.....	70-321-03
AC MAAP IEC	IEC - RAL9010 White.....	70-321-05
Europlug Outlet		
AC MAAP Europlug	Europlug - Black.....	70-322-02
AC MAAP Europlug	Europlug - White.....	70-322-03
AC MAAP Europlug	Europlug - RAL9010 White.....	70-322-05

Custom Engraving Services

Custom Engraving Services for Architectural Adapter Plates



CUSTOM ENGRAVING SERVICES

Extron is pleased to offer custom engraving services for MAAP - Mini Architectural Adapter Plates, AAP - Architectural Adapter Plates, the CTL208CM eight-button serial control panel, and the CM-5BB/CM-20BB five-button and 20-button control module AAPs. You can use the engraving to clearly indicate signal type, input numbers or any other labeling required for making signal connections clear and easy.

ENGRAVING SPECIFICATIONS

Standard Letter Size

MAAPs, AAPs, CM-5BB, and CM-10BB: 0.08" / 2 mm Tall

Standard Letter Size

CTL208CM: 0.1" / 2.5 mm Tall

Standard Font

Gothic - (a sans serif-style font) Engraving is all capital letters.

Engraving Color

- White AAPs & MAAPs: Black Engraving
- Black AAPs & MAAPs: White Engraving
- RAL9010 White AAPs & MAAPs: Black Engraving

Engraving Process

Letters, numbers, and symbols are laser engraved and then filled with color.

ORDER INFORMATION

To order engraving for any of the AAPs, MAAPs, CTL208CM, CM-5BB, or the CM-10BB, copy the Engraving Order Forms from the Extron Product Catalog or download PDF versions of these forms from the Extron Web site at <http://www.extron.com/engraving>. Detailed instructions for completing the forms are included in the catalog and in the PDF form.

Submit one Engraving Order Form for every unique plate design and every module model ordered. If identical engraving is required on several modules, then submit only one order form for each model number ordered. Be sure to include a purchase order that specifically authorizes purchase of the Extron products as well as the engraving service charges.

FAX SUBMISSION

Fax your completed engraving order form(s) and your purchase order to Extron at: 714.491.1517.

E-MAIL SUBMISSION

You can download the PDF version of the order forms from www.extron.com/engraving. Complete the form(s) electronically and submit them via e-mail to: engraving@extron.com

For assistance or if you have questions about our custom engraving services, please contact an Extron Customer Support Representative.

ENGRAVING SAMPLES

Single-Space MAAP Samples



Double-Space MAAP Samples



MODEL

VERSION DESCRIPTION

PART

Set-up Engrave
Engraving

One-time charge
Per unit charge

97-001-01
97-002-01

Europe
+31.33.453.4040 / +800.3987.6673
+31.33.453.4050 FAX

Dubai
+971.4.2991800
+971.4.2991880 FAX

Asia
+65.6383.4400 / +800.7339.8766
+65.6383.4664 FAX

China
+86.21.3760.1568 / +400.883.1568
+86.21.3760.1566 FAX

Japan
+81.3.3511.7655
+81.3.3511.7656 FAX

SINGLE MAAP ENGRAVING ORDER FORM

Customize Your Installation with Your Own Engraved MAAP.

Simply photocopy this form, complete the information needed and fax with your purchase order.
You may also download a PDF version of this form at www.extron.com/engraving. Feel free to call us for assistance.

MAAP ENGRAVING ORDER FORM — SINGLE PLATE

Company Name: _____

Contact Name: _____

Phone #: _____

Fax #: _____

MAAP Part #: _____

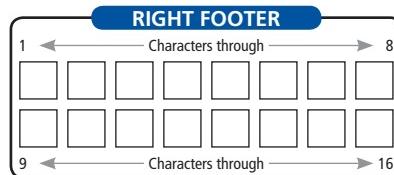
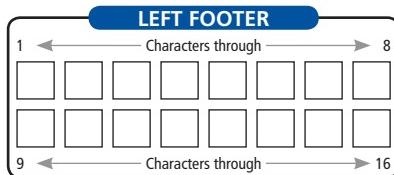
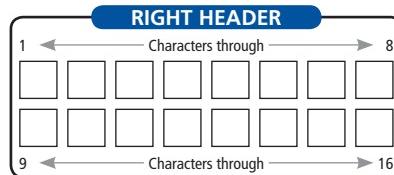
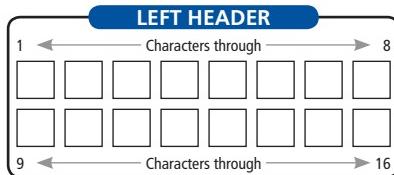
Quantity: _____

Customer PO #: _____



Note: Be sure to specify above the model of the MAAP to be engraved.

Engraved character size is .08"/2 mm high by 8 characters wide per line.



FAX COMPLETED FORM WITH YOUR ORDER TO: 714.491.1517

FOR EXTRON INTERNAL USE ONLY

EXTRON SO #: _____

Engineering Reference #: _____

Sales Representative: _____

DOUBLE MAAP ENGRAVING ORDER FORM

Customize Your Installation with Your Own Engraved MAAP.

Simply photocopy this form, complete the information needed and fax with your purchase order.
You may also download a PDF version of this form at www.extron.com/engraving. Feel free to call us for assistance.

MAAP ENGRAVING ORDER FORM — DOUBLE PLATE

Company Name: _____

Contact Name: _____

Phone #: _____

Fax #: _____

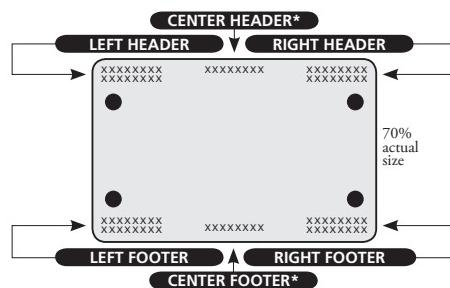
MAAP Part #: _____

Quantity: _____

Customer PO #: _____

Note: Be sure to specify above the model of the MAAP to be engraved.

*Center engraving only available on selected models.



Engraved character size is .08"/2 mm high by 8 characters wide per line.

LEFT HEADER							
1	←	Characters through	→	8			
<input type="text"/>							
9	←	Characters through	→	16			
<input type="text"/>							

CENTER HEADER*							
1	←	Characters through	→	8			
<input type="text"/>							

RIGHT HEADER							
1	←	Characters through	→	8			
<input type="text"/>							
9	←	Characters through	→	16			
<input type="text"/>							

LEFT FOOTER							
1	←	Characters through	→	8			
<input type="text"/>							
9	←	Characters through	→	16			
<input type="text"/>							

CENTER FOOTER*							
1	←	Characters through	→	8			
<input type="text"/>							

RIGHT FOOTER							
1	←	Characters through	→	8			
<input type="text"/>							
9	←	Characters through	→	16			
<input type="text"/>							

FAX COMPLETED FORM WITH YOUR ORDER TO: 714.491.1517

FOR EXTRON INTERNAL USE ONLY

EXTRON SO #: _____

Engineering Reference #: _____

Sales Representative: _____

CTL208CM ENGRAVING ORDER FORM

Simply photocopy this form, complete the information needed and fax with your purchase order.
You may also download a PDF version of this form at www.extron.com/engraving. Feel free to call us for assistance.

CTL208CM FACEPLATE ENGRAVING ORDER FORM

Company Name: _____

Contact Name: _____

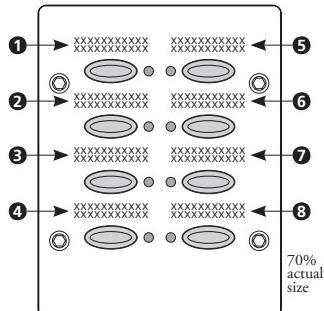
Phone #: _____

Fax #: _____

Part #: _____

Quantity: _____

Customer PO #: _____



Engraved character size is .1"/2.5 mm high by 11 characters wide per line.

BUTTON 1

1	←	Characters through	→	11
1	←	Characters through	→	11

BUTTON 5

1	←	Characters through	→	11
1	←	Characters through	→	11

BUTTON 2

1	←	Characters through	→	11
1	←	Characters through	→	11

BUTTON 6

1	←	Characters through	→	11
1	←	Characters through	→	11

BUTTON 3

1	←	Characters through	→	11
1	←	Characters through	→	11

BUTTON 7

1	←	Characters through	→	11
1	←	Characters through	→	11

BUTTON 4

1	←	Characters through	→	11
1	←	Characters through	→	11

BUTTON 8

1	←	Characters through	→	11
1	←	Characters through	→	11

FAX COMPLETED FORM WITH YOUR ORDER TO: 714.491.1517

FOR EXTRON INTERNAL USE ONLY

EXTRON SO #: _____

Engineering Reference #: _____

Sales Representative: _____

AAP ENGRAVING ORDER FORM

Customize Your Installation with Your Own Engraved AAP.

Simply photocopy this form, complete the information needed and fax with your purchase order.
You may also download a PDF version of this form at www.extron.com/engraving. Feel free to call us for assistance.

AAP ENGRAVING ORDER FORM

Company Name: _____

Contact Name: _____

Phone #: _____

Fax #: _____

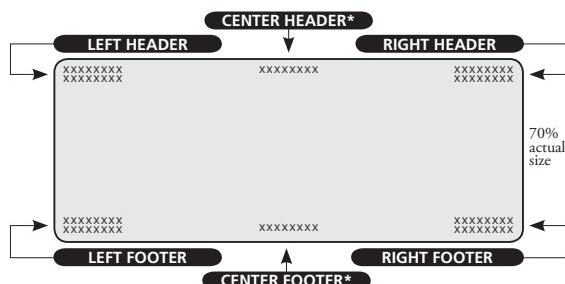
AAP Part #: _____

Quantity: _____

Customer PO #: _____

Note: Be sure to specify above the model of the AAP to be engraved.

*Center engraving available on all sizes except single-space AAPs with three connectors.



Engraved character size is .08"/2 mm high by 8 characters wide per line.

LEFT HEADER

1	←	Characters through	→	8
9	←	Characters through	→	16

CENTER HEADER*

1	←	Characters through	→	8

RIGHT HEADER

1	←	Characters through	→	8
9	←	Characters through	→	16

LEFT FOOTER

1	←	Characters through	→	8
9	←	Characters through	→	16

CENTER FOOTER*

1	←	Characters through	→	8

RIGHT FOOTER

1	←	Characters through	→	8
9	←	Characters through	→	16

FAX COMPLETED FORM WITH YOUR ORDER TO: 714.491.1517

FOR EXTRON INTERNAL USE ONLY

EXTRON SO #: _____

Engineering Reference #: _____

Sales Representative: _____

CCR 204 ENGRAVING ORDER FORM

Simply photocopy this form, complete the information needed and fax with your purchase order.
You may also download a PDF version of this form at www.extron.com/engraving. Feel free to call us for assistance.

CCR204 ENGRAVING ORDER FORM

Company Name:

Contact Name:

Phone #:

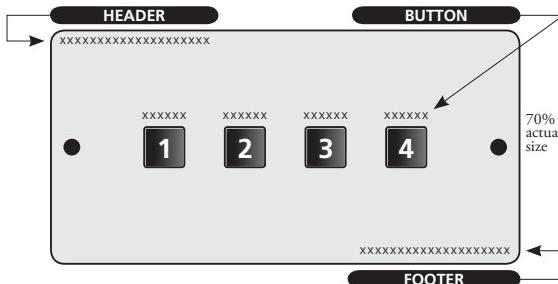
Fax #:

Part #:

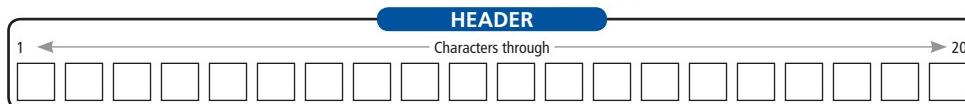
Quantity:

Customer PO #:

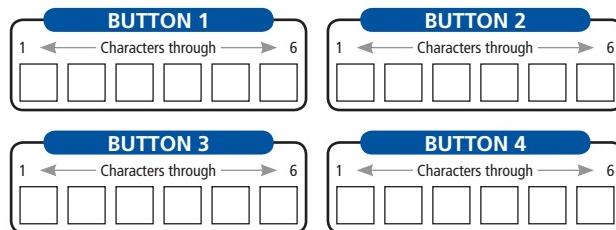
Please note: Numbers on buttons shown in the above illustration are for reference only to assist those filling out this engraving form. Buttons on actual product will be blank.



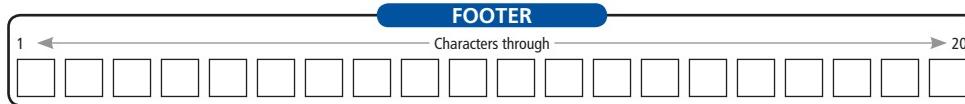
Header character size is .1"/2.5 mm high by 20 characters wide.



Button character size is .08"/2 mm high by 6 characters wide.



Footer character size is .1"/2.5 mm high by 20 characters wide.



FAX COMPLETED FORM WITH YOUR ORDER TO: 714.491.1517

FOR EXTRON INTERNAL USE ONLY

EXTRON SO #: _____

Engineering Reference #: _____

Sales Representative: _____

CCR 306 ENGRAVING ORDER FORM

Simply photocopy this form, complete the information needed and fax with your purchase order.
You may also download a PDF version of this form at www.extron.com/engraving. Feel free to call us for assistance.

CCR306 ENGRAVING ORDER FORM

Company Name: _____

Contact Name: _____

Phone #: _____

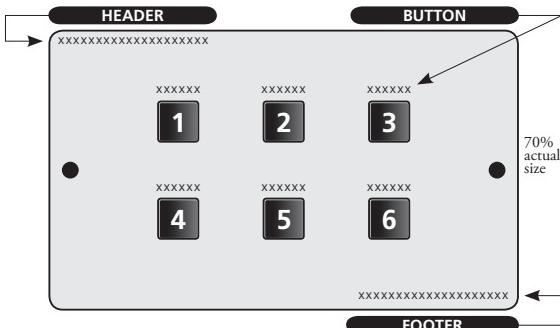
Fax #: _____

Part #: _____

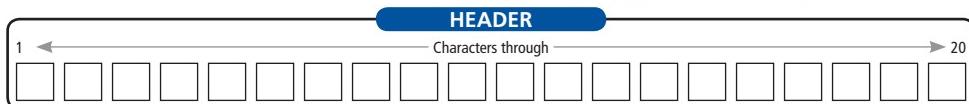
Quantity: _____

Customer PO #: _____

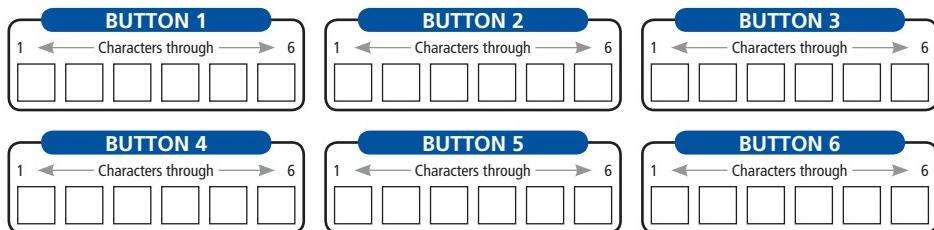
Please note: Numbers on buttons shown in the above illustration are for reference only to assist those filling out this engraving form. Buttons on actual product will be blank.



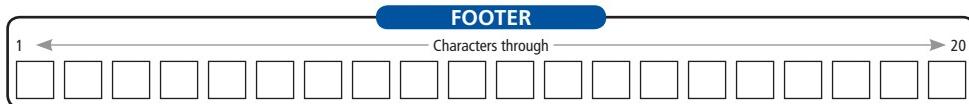
Header character size is .1"/2.5 mm high by 20 characters wide.



Button character size is .08"/2 mm high by 6 characters wide.



Footer character size is .1"/2.5 mm high by 20 characters wide.



FAX COMPLETED FORM WITH YOUR ORDER TO: 714.491.1517

FOR EXTRON INTERNAL USE ONLY

EXTRON SO #: _____

Engineering Reference #: _____

Sales Representative: _____

CM-5BB ENGRAVING ORDER FORM

Simply photocopy this form, complete the information needed and fax with your purchase order. You may also download a PDF version of this form at www.extron.com/engraving. Feel free to call us for assistance.

CM-5BB FACEPLATE ENGRAVING ORDER FORM

Company Name:

Contact Name:

Phone #:

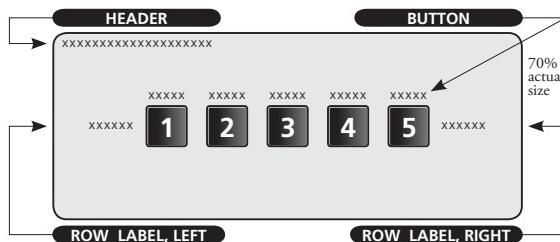
Fax #:

Part #:

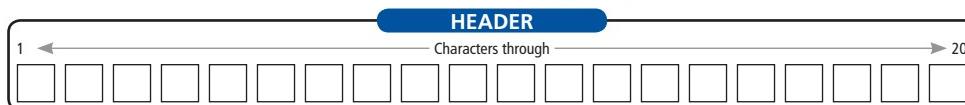
Quantity:

Customer PO #:

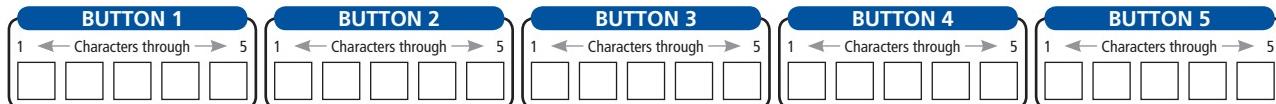
Please note: Numbers on buttons shown in the above illustration are for reference only to assist those filling out this engraving form. Buttons on actual product will be blank.



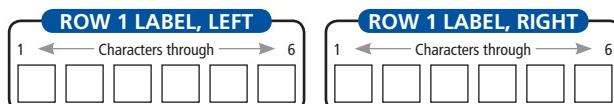
Header character size is .1"/2.5 mm high by 20 characters wide.



Button character size is .08"/2 mm high by 5 characters wide.



Row character size is .08"/2 mm high by 6 characters wide.



FAX COMPLETED FORM WITH YOUR ORDER TO: 714.491.1517

FOR EXTRON INTERNAL USE ONLY

EXTRON SO #: _____

Engineering Reference #: _____

Sales Representative: _____

CM-20BB ENGRAVING ORDER FORM

Simply photocopy this form, complete the information needed and fax with your purchase order. You may also download a PDF version of this form at www.extron.com/engraving. Feel free to call us for assistance.

CM-20BB FACEPLATE ENGRAVING ORDER FORM

Company Name: _____

Contact Name:

Phone #:

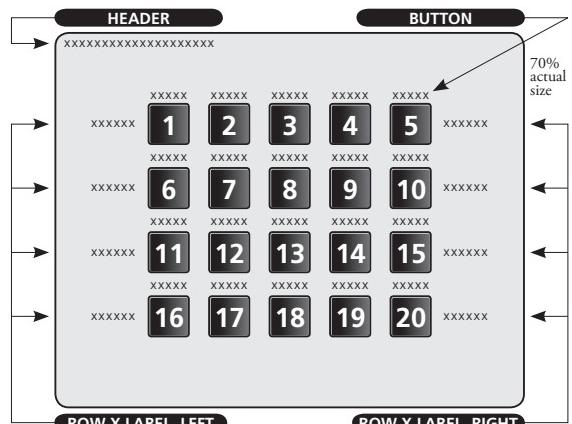
Fax #:

Part #:

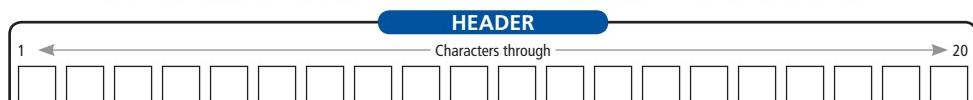
Quantity:

Customer PO #:

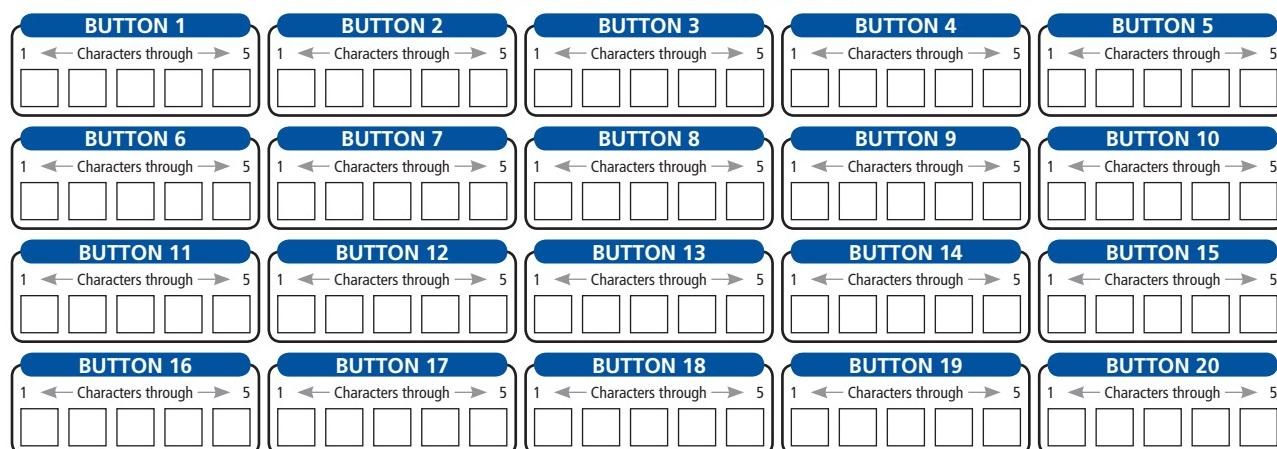
Please note: Numbers on buttons shown in the above illustration are for reference only to assist those filling out this engraving form. Buttons on actual product will be blank.



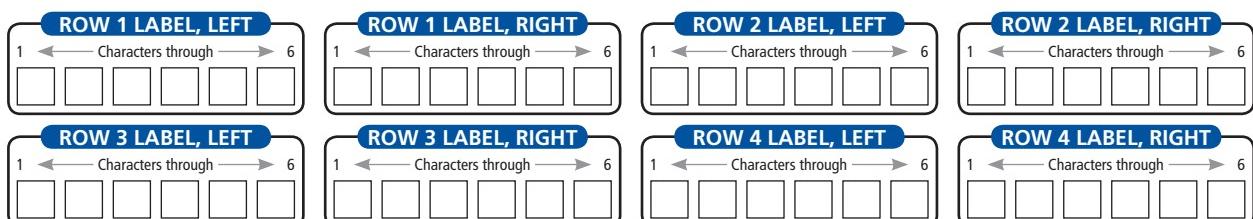
Header character size is .1"/2.5 mm high by 20 characters wide.



Button character size is .08"/2 mm high by 5 characters wide.



Row character size is .08"/2 mm high by 6 characters wide.



FAX COMPLETED FORM WITH YOUR ORDER TO: 714-491-1517

FOR EXTRON INTERNAL USE ONLY

EXTRON SO #:

Engineering Reference #:

Sales Representative: _____